

Meeting Summary

ACEC-VT / VTrans Quarterly Meeting

Location: Microsoft Teams – Virtual Meeting

Date: December 9, 2020

Program discussion and General Meeting 10:00 am – 11:30 am

No roll call taken for virtual meeting.

General Meeting

A. VTrans Operations – COVID-19 – *Rob White / Wayne Symonds*

- Office / Telework – Stay at home order is in effect until March 31st as COVID numbers are increasing. Concerned with winter maintenance and the Agency recently had to put an entire garage under quarantine. Future outbreaks could impact the ability to clear snow off the roads.
- Some people are going into the office i.e. picking up mail or other documents though it's restricted to Tuesday and Thursday and only as necessary.
- Field Work - tightening up restrictions to mitigate risk,
 - Rules are tightening – facial coverings at all times in the office, in vehicles, and on-site (up over the nose). Strict 14 day (7 day with test) quarantine if you've potentially been exposed. The goal is to make sure employees are safe and can return home to their families.
 - Information is changing rapidly so go to the website to learn the current rules.
 - Out of state workers - quarantine in hotel when not on site.
 - Projects should be prepared to shut down rapidly should workers test positive.
 - Winter construction projects have been asked to report frequently how much of the site is open so if the need to shutdown occurs the contract tracing can be done quickly and efficiently.
- Sue Scribner is retiring December 18, 2020, MAB will become part of the Project Delivery Bureau on 12/21/2020.
- Budget – Revenue Challenges / Project Bid Ad Delays
 - Wayne-Legislature adjourned in September having finalized the FY 21 budget which is adequate to maintain project schedules. However, to maintain FY 21 budget there was pressure on FY 22 budget. At this time however, it appears that the programs are level funded based on FY 20 not FY 21 (due to CARES and other programs that were included in FY 21).
 - 7 or 8 bridge projects were paused however just 6 will get pushed out from the original ad date.
 - The Agency is not recommending delaying design projects. If stimulus funding is realized the Agency will look to advertise asset level projects.
 - 50-100 Agency staff have been assisting with COVID related tasks and you may see familiar faces checking you in at vaccination locations.

Question:

With the FY 21 budget and the completion of some large projects is there a chance of more, smaller projects?

Answer: There are a number of existing large projects winding down so there may be an opportunity for more, smaller asset level projects that may be bundled together.

B. Construction Management System (CMS) Overview - *Molly Perrigo – VTrans*

- Presented slideshow (See attached powerpoint)
- Wendy Ducey, Alan Ellis fielded questions
- Draft schedule for CMS release
 - Estimating 3/1/2021
 - eContracting 4/1/2021
 - Materials, Construction & Civil Rights 4/1/2022
- Estimator and PES/LAS no longer able to use after 6/30/2021
- Training 2/16/2021 SAVE THE DATE, remote and recorded sessions
- aot.cmsproject@vermont.gov Molly request consultants email her with a list of how many folks in your firm need training.

Questions:

Q. Are there tools to complete the bid analysis?

Answer: No, tools for bid analysis are not included, we will continue to analyze bids as we do currently.

Q. Will estimator include 2011 or just 2018 items?

Answer: 2011 data will be merged into the database, but will be converted to 2018 Specifications book items.

C. Vermont Asset Management Information System (VAMIS) and VTrans Project Selection and Prioritization Process (VPSP2) Updates – *Kevin Marshia, AMP Director*

- Presentation slideshow (See attached powerpoint)

VPSP2

- VPSP2 developed in 2005
- Partnered with RPC's and Legislature in 2016 to upgrade system
- Asset Driven
- Regionally Driven
- Safety Driven
- Grant Opportunities
- Harmonization

Implementation Begins 2021

Two Year Cycle

- Pavement, Roadway, Traffic & Safety-2021
- Structures-2022 Schedule aligns with budget process
- 6-8 month engagement process with RPC (Transportation Advisory Committees)

VAMIS

- One stop shop for managing assets
- Track inventory
- Monitor overall asset performance
- Efficient resource utilization, keep us focused on the right task
- Align teams, output, and outcomes with strategic plan
- Make better, data drive, decisions across an asset's life
- Promote economic stability and growth through various metrics such as asset sustainability index, asset value

VAMIS Solution

- Business Analytics
- Operations Management
- Asset Classes ~22 classes being tracked
- Timeline started November 2019 to be completed November 2021

Questions:

Will there be guidance for consultants developing projects?

Yes each asset has a unique identifier and in the future there may be guidance for the consultant to incorporate into the project but not right now. 802.279.3594

Kevin.Marshia@vermont.gov

D. Contract Administration Update

- Upcoming RFP's

Doreen Carminati

- Public Transit due 12/8/20
- Highway Resurfacing due 1/8/21
- Go Vermont Van Pool Program
- Policy and Planning Consultant Services 2021
- State Employee-Controlled Substance & Alcohol Testing Services
- Vermont Economic Corridor Planning & Environmental Linkages Study 2020
- External Research Qualified Researchers List should be posted in a week
- AOT Improved Field Maintenance Voice and Data Communications and Dispatch Architecture

E. Committee Updates

VTrans Committees – ACECVT Appointees

- David Hoyne – VTrans Specifications Committee
 - See website for latest update
 - Will 2011 book be eliminated in the future?
- Evan Detrick – VTrans Standard Details Committee
 - No updates
- Dave Youlen – VTrans Work Zone Committee
 - Greg Goyette updated draft report shared to ACEC and is nearly complete. Goal is to roll out the document in January 2021.



➤ Comments due 12/10/2020

Events, recent and scheduled:

- A. ACECVT BOD Meetings
 - December 2, 2020 – Virtual Meeting
 - Next meeting January 27, 2021 – Virtual Meeting
- B. 6th Annual Transportation Workshop – March 10, 2021
 - 1. In-person at VCFA becoming increasingly unlikely / Option to spread to 1hr virtual sessions to be determined
 - 2. Patricia, Anant, Greg Rowangould (UVM), Rob White
 - 3. December 4th Presentation Selection
 - 4. The following presentations were selected from the nine that were received:
 - a. Phosphorus Control Planning ACECVT Abstract VTrans, Stone, Hoyle Tanner
 - b. Hartland IM 091-1(68) ACECVT Abstract VTrans & Gill
 - c. Vermont's Passenger Rail Puzzle ACECVT Abstract VTrans & VHB
 - d. Precast Full Depth Deck Panels Replacement ACECVT Abstract CHA
 - e. Brandon NH 019-3(496) Traffic Signals ACECVT Abstract F&O
 - f. VTrans Work Zone Safety and Mobility ACECVT Abstract VTrans & VHB

FHWA

- A. Updates from Matt DiGiovanni
 - Funding hoping for funding update this month
 - Design standards NHS updates
 - IDIQ interim final rule
 - Everyday Counts 12/8, 9 & 10
 - Consultant Overhead Rates...any guidance from FHWA. Matt: Not that he's aware of
 - https://www.fhwa.dot.gov/innovation/everydaycounts/edc_6/summit.cfm

Future Meetings - Potential Topics

Next meeting: Transportation Workshop March 10, 2021

Future Meeting Topics (Dec Qtly)

- A. Open Bridge Modeler – Pilot projects, Status/Plans for long term implementation (Aaron)
- B. VTrans Bicycle & Pedestrian Design Guidance (recent updates and retiring of 2002 manual)
- C. *Other future agenda items? Please forward*

Minutes Posted at: <https://www.acec.org/vermont/about-us/meeting-minutes/>

Prepared by: Patricia Shedd
ACECVT/VTrans Committee

AOT Construction Management System

Software Replacement

Agenda

- Brief Project Overview
- Schedule Update
- Estimation & eContracting Deploy
- Training
- Questions

Overview

The goal of the Construction Management System (CMS) Replacement Project is to replace the aging AASHTOWare client/server software used by VTrans today.

It is important that the Agency obtain the best possible replacement software and fully transition to a new solution before modules of the current software sunsets.

The project provides the Agency the opportunity to secure functionality not found in our current system including business process and document management.



Schedule

Estimated “Deploy” Dates

- 03/01/2021 - Estimation
- 04/21/2021 - eContracting
- 01/22/2024- Materials, Construction & Civil Rights



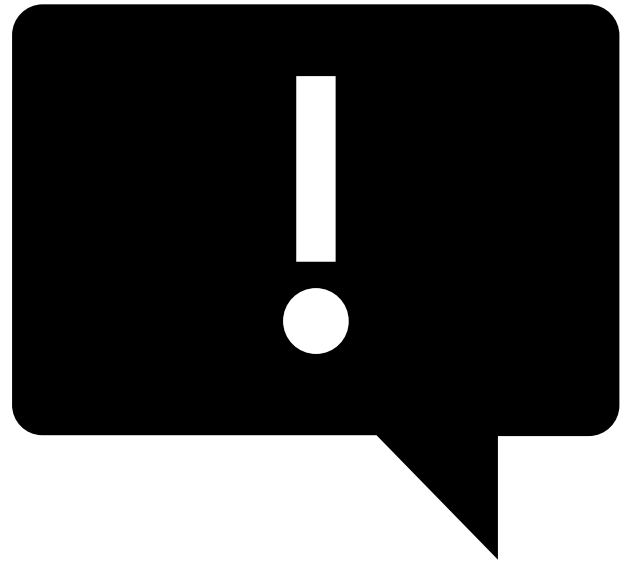
“Deploy”

4/21/21 = ADS PM Date

Phased Implementation Deploy

Estimation 1st

eContracting 2nd



IMPORTANT: Estimator
and PES/LAS will no longer
be used after **6/30/21**

What that means?



CMS Project team has been working on how to minimize impacts on Bid Ad Schedule



Focusing on transition and deploy items required to begin entering data into the Estimation subsystem March 1, 2021



TRAINING! Slated to being February 16, 2021

February 2021

February 2021							March 2021						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28							28	29	30	31			

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 31	Feb 1 Time to put data into system before Estimation training	2	3	4	5	6
7	8	9	10	11	12	13
14	15 ----- Estimation Training -----	16	17	18	19	20
21	22	23	24	25	26	27
28	Mar 1 Begin entering Estimates	2	3 Estimates approved for iPD Ad	4	5	6

Training:
February 16, 2021

Begin Entering Estimates:
March 1, 2021

First Project Advertised:
April 14, 2021

First bid opening:
May 14, 2021



Training:

- February 16, 2021
- Estimators
- Working with VTTC to set up dates and details
- Will be remote
- Recorded
- Email: aot.cmsproject@vermont.gov

Questions



VPSP2 & VAMIS Updates

VTrans – ACEC Presentation

December 9, 2020

January 11, 2021

VTrans Project Selection & Prioritization Processes (VPSP2)

- **Initial prioritization system developed beginning in 2005**
- **Old system had served the original purpose and it was time to refresh**
- **Partnership with RPC's and Legislature in 2016 to modernize and expand**
- **Will focus on all five modes: Highways, Walkways-Paths-Trails, Transit, Aviation, Rail**

VPSP2 - Goals

Three Main Goals:

- 1. Establish guidelines for adding or deleting projects onto the Capital Program (especially for RPC's & communities)**
- 2. Update to incorporate new federal and state initiatives (i.e. health, resiliency, performance)**
- 3. Establish “transportation value” for investments**

VPSP2 - Criteria

Evaluation Criteria	Initial Weight	Recommended Weight
Safety	19.0%	20%
Asset Condition	16.2%	20%
Mobility & Connectivity	13.6%	15%
Economic Access	12.3%	10%
Resiliency	11.9%	10%
Regional	10.8%	10%
Environment	9.1%	10%
Health Access	7.2%	5%

VPSP2 - Pathways

- **Asset Driven**
- **Regionally Driven**
- **Safety Driven**
- **Grant Opportunities**
- **Harmonization**

VPSP2 - Timeline

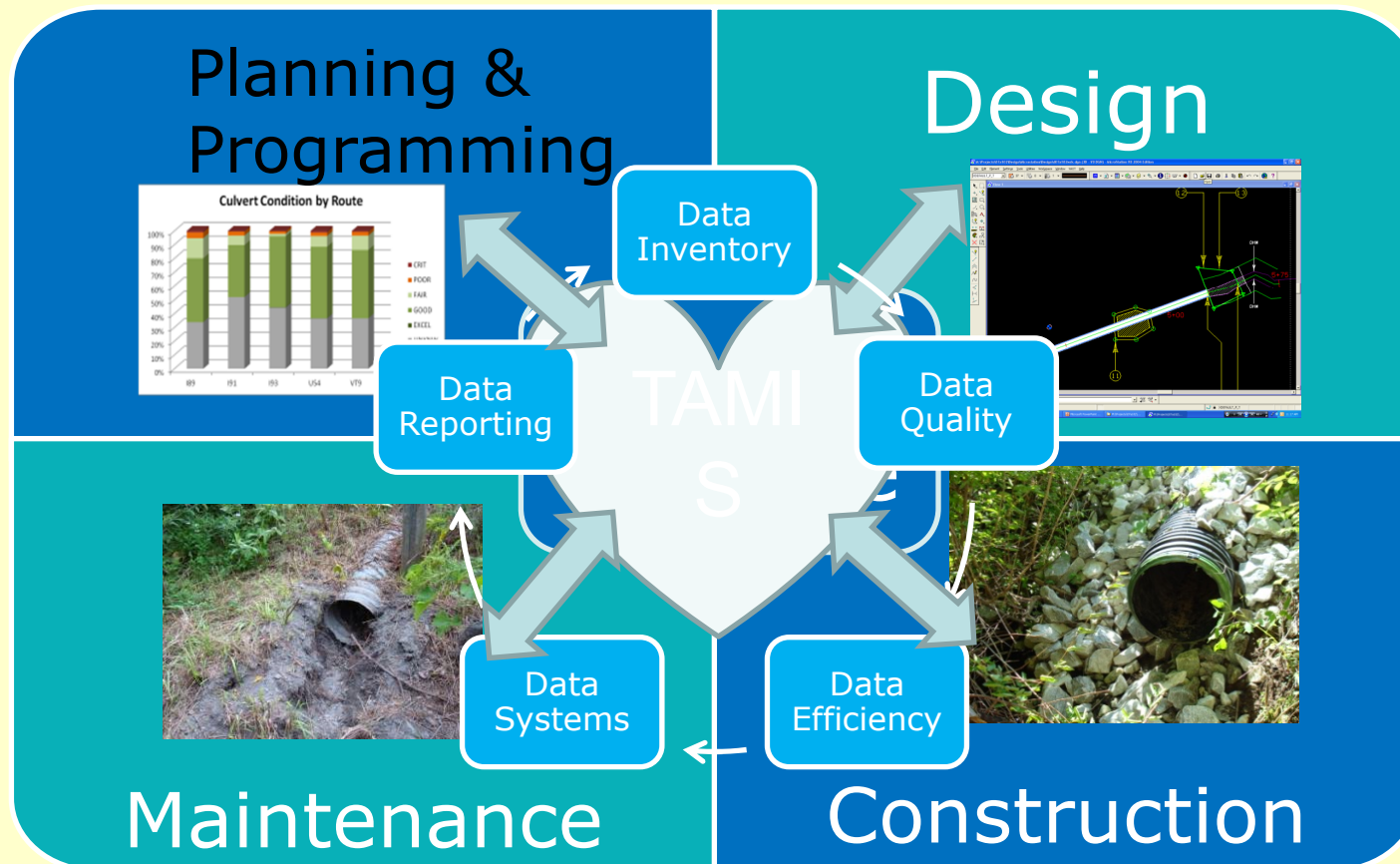
- **Implementation Begins in 2021**
- **Two Year Cycle**
 - **Pavement, Roadway, Traffic & Safety – 2021**
 - **Structures – 2022**
- **Schedule aligns with VTrans Budget Process**
- **6-8 month engagement process with RPC (Transportation Advisory Committees)**

Vermont Asset Management Information System (VAMIS)

WHY?

- **One stop shop for managing assets.**
- **Track asset inventory.**
- **Monitor overall asset performance.**
- **Efficient resource utilization, keep us focused on the right tasks.**
- **Align teams, output, and outcomes with strategic plan.**
- **Make better, data driven, decisions across an asset's life.**
- **Promote economic stability and growth through various metrics such as asset sustainability index, asset value.**

Asset Management Cycle



VAMIS – Solution

Business Analytics

- Condition
- Decision Trees
- Budget Analysis
- Deterioration Models
- Trade-Off Analysis
- Cross Asset Optimization

Operations Management

- Damage Reports
- Inspections
- Work Orders
- Resource Management
- Preservation
- Reporting
- Mobile Application
- Dashboards

VAMIS – Asset Classes

- **Bridges**
- **Pavement**
- **Retaining Walls**
- **Guardrail**
- **Intersections**
- **Large Culverts**
- **Small Culverts**
- **Rail**
- **Aviation**
- **Park & Ride**
- **Buildings**
- **Roundabouts**
- **Rumble Strips**
- **Stormwater**
- **Signs**
- **Signals**
- **Rock Slopes**
- **Turning Lanes**
- **Pavement Markings**
- **Vehicles & Equipment**

VAMIS – Timeline

- **Phase 1 implementation began in November 2019 – 24 month process, to be completed November 2021**
- **Nearing Completion: Pavements, Bridges, Large Culverts, Small Culverts, Traffic Signals**
- **Underway: Guardrail, Retaining Walls, Rock Slopes, Signs, Damage Sites, Asset Maintenance Needs, Park & Rides**
- **Up Next: Rail, Buildings**
- **6 Month Out: ITS equipment, Aviation**
- **Phase II (beyond 12 months): Stockpile & Inventory, Fleet, Transit, Unstable Slopes**
- **Phase 2 timeline TBD based on accomplishments of Phase 1.**

QUESTIONS???

Contact Information:

kevin.marshia@vermont.gov

802-279-3594